Performance Data Sheet

AJE4511YKZ

General Information

Model	AJE4511YKZ	**Refrigerant**	R-134a
Test Condition	EN12900 ASERCOM	**Performance Test Voltage**	220V 3~ 50HZ
Return Gas	20°C (68°F) RETURN GAS	**Motor Type**	3PH

Performance Information

Evap Temp (°C)		Condensing Temperature (°C)			
		30	40	50	60
-6.7	Watts (Capacity)	2270	1960	1650	1330
	Watts (Power)	758	830	901	939
	Amps	3.33	3.45	3.58	3.70
-5	Watts (Capacity)	2450	2130	1790	1450
	Watts (Power)	782	857	936	984
	Amps	3.37	3.51	3.65	3.79
0	Watts (Capacity)	3050	2650	2250	1850
	Watts (Power)	856	939	1040	1110
	Amps	3.50	3.68	3.87	4.05
5	Watts (Capacity)	3740	3260	2780	2300
	Watts (Power)	936	1020	1140	1240
	Amps	3.64	3.87	4.09	4.32
7.2	Watts (Capacity)	4080	3560	3040	2520
	Watts (Power)	974	1060	1180	1290
	Amps	3.70	3.95	4.20	4.44
10	Watts (Capacity)	4530	3960	3390	2820
	Watts (Power)	1030	1110	1240	1360
	Amps	3.79	4.06	4.33	4.60
15	Watts (Capacity)	5440	4760	4090	3410
	Watts (Power)	1130	1210	1340	1480
	Amps	3.95	4.27	4.58	4.90

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	4.159430E+03	1.040420E+03	2.917410E+00	
C2	1.764150E+02	2.330130E+01	5.821850E-04	
C3	-3.407110E+01	-2.406360E+01	1.979730E-02	

C4	2.695140E+00	3.654170E-01	2.310710E-04	
C5	-1.687720E+00	-5.629200E-01	8.760560E-04	
C6	-1.232210E-01	7.729820E-01	-1.633100E-05	
C7	1.303300E-02	3.653650E-03	0.000000E+00	
C8	-2.613470E-02	-7.614060E-03	0.000000E+00	
C9	2.635940E-03	9.881510E-03	0.000000E+00	
C10	8.140380E-04	-5.867560E-03	0.000000E+00	

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature